Geoscience in Your State: Hawaii

By the numbers: Hawaii

- 1,700 geoscience employees (excludes self-employed)[1]
- 359 million gallons/day: total groundwater withdrawal[3]

- $105 million value of nonfuel mineral production in 2017[4]
- 45 total disaster declarations, including 15 fire, 9 flood, and 7 severe storm disasters (1953-2017)?
- $15.6 million: NSF GEO grants awarded in 2017[13]

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Read more in this Geoscience in Your State Factsheet...

Agencies Working on Geoscience Issues in Hawaii

Commission on Water Resource Management
https://dlnr.hawaii.gov/cwrm/
The Commission's general mission is to protect and enhance the water resources of the State of Hawaii through wise and responsible management.
Hawaii Emergency Management Agency
http://dod.hawaii.gov/hiema/
The mission of Hawai?i Emergency Management Agency is to help the Hawai?i Ohana prepare for, respond to, and recover from disasters and emergencies.
Hawaii Office of Conservation and Coastal Lands
http://dlnr.hawaii.gov/occl/
The OCCL is responsible for overseeing approximately 2 million acres of private and public lands that lie within the State Land Use Conservation District. In addition, to privately and publicly zoned Conservation District lands, OCCL is responsible for overseeing beach and marine lands out to the seaward extent of the State's jurisdiction.
Hawaii Office of Environmental Quality Control
http://health.hawaii.gov/oeqc/
The Office of Environmental Quality Control (OEQC) facilitates Hawai?i's environmental review process. The office announces the availability of environmental assessments (EAs) and environmental impact statements (EISs) for public review and comment in its semi-monthly publication, *The Environmental Notice*. OEQC staff also review and comment on these documents and provide assistance throughout the environmental review process.
Hawaii State Energy Office
http://energy.hawaii.gov/
With the state's goal to reach 100 percent renewable energy generation by 2045, the Hawaii State Energy Office (HSEO) is leading the state's charge toward clean energy independence. HSEO is committed to developing and deploying high impact solutions that will maximize Hawaii's renewable energy resources and improve efficiency and transportation standards. Through effective policies and innovative programs, HSEO has positioned Hawaii as a leader in clean energy innovation, which will generate quality jobs, attract investment opportunities and accelerate economic growth.

Maps & Visualizations

Interactive database for geologic maps of the United States
U.S. Geological Survey

The U.S. Geological Survey hosts the National Geologic Map Database (NGMDB). This interactive tool serves as a national archive for high-quality, standardized geologic maps created by the U.S. Geological Survey and state geological surveys. The MapView section of the NGMDB displays geologic maps...

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Case Studies & Factsheets

Cover of AGI Factsheet 2018-004 - Present Day Climate Change

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Present Day Climate Change

Climate Science 101 Climate is the average of weather conditions over several decades.1,2 Geoscientists monitor modern climate conditions (1880 A.D. to present) in part by taking direct measurements of weather data (i.e., air temperature, rainfall and snowfall, wind speed, cloudiness, and so on)...

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Webinars & Forums

Offshore Energy

2016-06-14

This webinar is based on a Congressional briefing organized by the Advances in Earth Science coalition (16 May 2016). The webinar brings together experts from academia and government to explain the scientific and engineering tools that enable production in challenging environments far from land...

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Research Database Publications

Hawaii

1999, United States Geological Survey

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